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Proceeding: WT Docket No. 04-356

WT Docket No. 02-353

To: Office of the Secretary

Federal Communications Commission

Washington, DC 20554

Comment filed by: American

American Skin Association

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The American Skin Association (ASA), founded in 1987, is the nation's <u>only volunteer-led health organization</u> dedicated through research, education and advocacy to saving lives and alleviating human suffering caused by <u>the full spectrum of skin disease</u>, including melanoma and other skin cancers.

We oppose the adoption of any Commission rules to authorize high frequency radio transmissions for broadband or advanced wireless services until adequate safety precautions, based on sound research, are implemented to prevent any further increase in melanoma resulting from the disturbance of cell repair mechanisms by radio frequency radiation emissions.

In 2004, Swedish researchers published a research report on the increase in malignant skin cancer in Sweden, Norway, Denmark and the USA, which concluded:

The increased incidence and mortality of melanoma of skin cannot solely be explained by increased exposure to UV-radiation from the sun. We conclude that continuous disturbance of cell repair mechanisms by body-resonant electromagnetic fields seems to amplify the carcinogenic effects resulting from cell damage caused *e.g.* by UV-radiation.

[Hallberg O, Johansson O, "Malignant melanoma of the skin – not a sunshine story!" *Medical Science Monitor* 2004; 10:CR336-340. Available on website: www.medscimonit.com]

Howard P. Milstein, Chairman American Skin Association

November 23, 2004

George W. Hambrick, Jr., MD President American Skin Association.

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